



6SN7-GT

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TWIN-TRIODE AMPLIFIER

Heater Coated Unipotential Cathodes
Voltage 6.3 a-c or d-c volts
Current 0.6 amp.

Direct Interelectrode Capacitances (Approx.):^o

	Triode Unit T_1	Triode Unit T_2	
Grid to Plate	3.8	4.0	μf
Grid to Cathode	2.8	3.0	μf
Plate to Cathode	0.8	1.2	μf

Maximum Overall Length 3-5/16"

Maximum Seated Height 2-3/4"

Maximum Diameter 1-5/16"

Bulb T-9

Base Intermediate Shell Octal 8-Pin

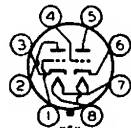
Pin 1-Grid T_2 Pin 5-Plate T_1

Pin 2-Plate T_2 Pin 6-Cathode T_1

Pin 3-Cathode T_2 Pin 7-Heater

Pin 4-Grid T_1 Pin 8-Heater

Mounting Position Any



BOTTOM VIEW (8BD)

For convenience, one triode unit is identified as T_1 ; the other as T_2 .

Maximum And Minimum Ratings Are Design-Center Values

AMPLIFIER-Each Unit

Plate Voltage	300 max. volts
Grid Voltage	0 min. volts
Plate Dissipation	2.5 max. watts
D-C Heater-Cathode Potential	90 max. volts
Cathode Current	20 max. ma.

Characteristics — Class A_1 Amplifier:

Plate	90	250	volts
Grid #	0	-8	volts
Amp. Fact.	20	20	
Plate Res.	6700	7700	ohms
Transcond.	3000	2600	μmhos
Plate Cur.	10	9	ma.

Typical Operation with Resistance Coupling:

Same as for Type 6F8-G in RESISTANCE-COUPLED AMPLIFIER CHAR

^o With no external shield.

* Under maximum rated conditions, the d-c resistance in the grid circuit should not exceed 1.0 megohm per unit.

The curves under Type 6J5 also apply to each unit of the 6SN7-GT.

← Indicates a change.

APRIL 1, 1944

RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

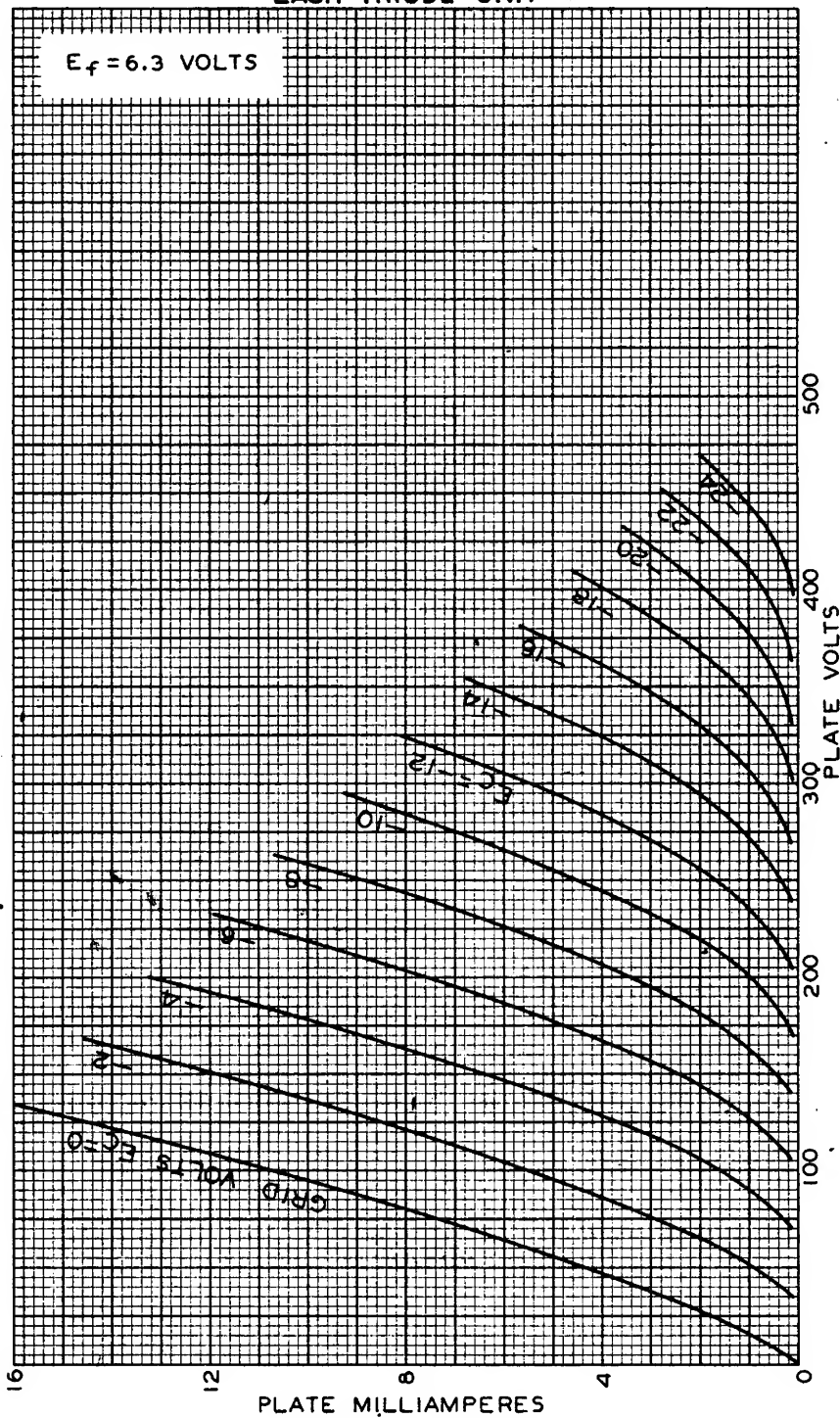
DATA

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AVERAGE PLATE CHARACTERISTICS EACH TRIODE UNIT



FEB. 21, 1941

RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

92CM-6257